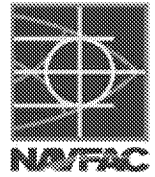- **Monitoring well locations will be recommended in the Scope of Work (work plan), which will be submitted for regulator review**
- **The proposed well locations fulfill the following objectives:**
  - **Sentinels:** Provide monitoring points between the Red Hill tanks and receptors potentially exposed via the drinking water supply system and vapor intrusion pathways, and to guard against VI for offsite residences
  - **Characterize Flow:** Provide additional groundwater elevation data to evaluate groundwater flow patterns in the vicinity of the Red Hill Facility and refine and calibrate the groundwater flow model
  - **Characterize Groundwater Chemistry:** Provide water quality data and evaluate COP concentrations and NAPs
  - **Characterize Matrix:** Further characterize the stratigraphy and properties of the Valley Fill, caprock, and saprolite layers
  - **Other Uses:** Provide potential monitoring and access points for other activities, such as a tracer study or augmentation, if warranted upon completion of other field activities
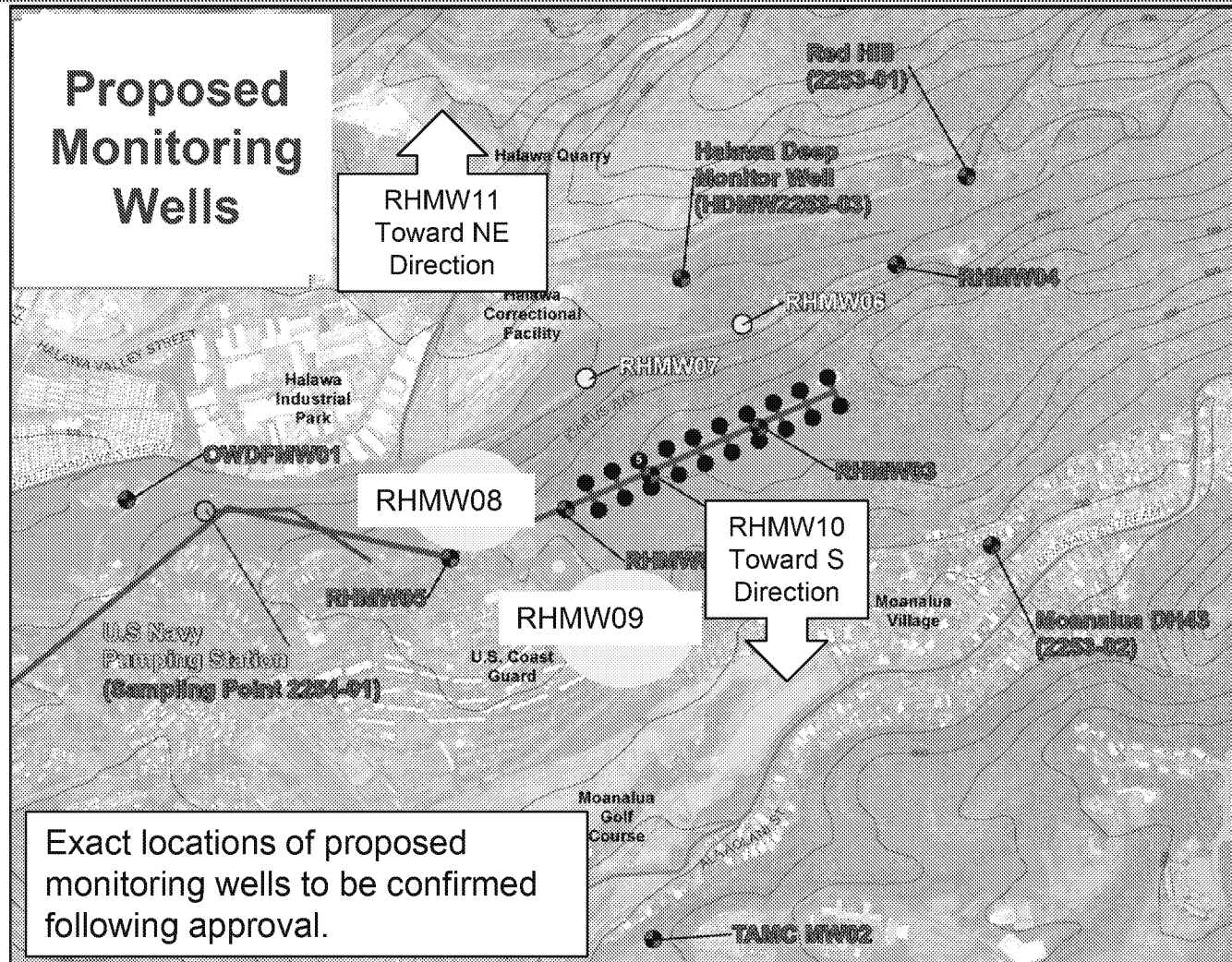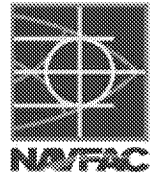
Task #4: Expand the Groundwater Monitoring Network

New and Proposed Well and Objectives Matrix

Well ID	Objective 1: Sentinels	Objective 2: Characterize Flow	Objective 3: Characterize Chemistry	Objective 4: Characterize Matrix	Objective 5: Other Uses
Recently Installed Monitoring Wells					
RHMW06	✓	✓	✓		✓
RHMW07			✓	✓	✓
Proposed New Monitoring Wells					
RHMW08	✓	✓	✓		✓
RHMW09	✓	✓	✓		✓
RHMW10	✓	✓	✓		✓
RHMW11	✓[1]	✓	✓	✓[2]	✓

[1] Contingent if groundwater flow direction is towards the Board of Water Supply Halawa Shaft.

[2] Intend to collect subsurface data (i.e., evaluate flow paths, potential valley fill strata, etc.).

Task #4: Expand the Monitoring Network

Proposed Monitoring Wells

RHMW11 Toward NE Direction

RHMW08

RHMW09

RHMW10 Toward S Direction

Exact locations of proposed monitoring wells to be confirmed following approval.

Proposed Monitoring Wells General Locations (close-up)